U.S. Department of Transportation
National Highway Traffic Safety Administration
NHTSA

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State Alcohol-Impaired-Driving Estimates

In this fact sheet for 2022 the information is presented as follows.

All 50 States, the District of Columbia, and Puerto Rico have set a threshold making it illegal to drive with a blood alcohol concentration (BAC) of .08 grams per deciliter (g/dL) or higher. In addition, people under 21 are legally prohibited from drinking alcohol (except in Puerto Rico where the legal drinking age is 18). Exceptions:

- Utah set a lower threshold of .05 g/dL or above that went into effect on December 30, 2018.
- Operating a commercial vehicle at a BAC of .04 g/dL or above is a violation of Federal regulations and may result in criminal charges.

Drivers are alcohol-impaired when their BACs are .08 g/dL or higher. Thus, any fatality occurring in a traffic crash involving a driver with a BAC of .08 g/dL or higher is an alcohol-impaired-driving fatality. **The term "driver" refers to the operator of any motor vehicle, including a motorcycle. The term "alcohol-impaired," however has limits and refers to the BAC level of the driver and not that a crash or a fatality was caused by alcohol impairment.** This document also includes BACs of .00 g/dL (no alcohol), .01+ g/dL, and .15+ g/dL solely for comparison purposes.

Great caution should be exercised in comparing the levels of alcohol involvement among States. Differences in alcohol involvement can be due to any number of factors not necessarily directly related to a State's alcohol traffic safety program. Factors affecting alcohol involvement in fatal crashes include these.

- Population demographics and the economic environment. For example, older drivers and female drivers tend to have lower levels of alcohol involvement.
- Types of vehicles. For example, motorcycle riders tend to have the highest levels of alcohol involvement, followed by drivers of light trucks; drivers of large trucks tend to have the lowest levels of alcohol involvement.

One of the major differences among States is the wide range of known alcohol test results for drivers involved in fatal traffic crashes. In 2022 State-level percentages of known BACs of drivers involved ranged from a low of 8 percent in Mississippi to a high of 81 percent in Montana (Table 5). These testing rates may affect the accuracy and reliability of

the estimates presented. States with higher percentages of known BACs are more likely to have more precise estimates of fatal crash alcohol involvement.

Key Findings

- Of the 42,514 traffic fatalities in 2022 there were an estimated 13,524 people (32%) killed in alcohol-impaired-driving crashes. The highest percentages were in Rhode Island and South Carolina (43% each), followed by Texas (42%).
- Of the 60,048 drivers involved in fatal traffic crashes in 2022 an estimated 12,955 (22%) were alcohol impaired. The percentages of alcohol-impaired drivers involved in fatal traffic crashes ranged from 14 percent (Utah) to 31 percent (Rhode Island).
- Based on BAC test results of the 60,048 drivers involved in fatal traffic crashes in 2022 there were 22,048 (37%) with known BAC test results. The percentages of drivers with known BAC test results among all drivers involved in fatal traffic crashes ranged from 8 percent (Mississippi) to 81 percent (Montana).
- BAC test results were known for 58 percent of drivers who were killed compared to 19 percent of surviving drivers in fatal traffic crashes in 2022.
- The State alcohol-impaired-driving fatality rates per 100 million vehicle miles traveled (VMT) in 2022 ranged from a low of 0.21 (Utah) to a high of 0.80 (South Carolina). The national rate was 0.42. Puerto Rico had a fatality rate of 0.61 but was not included in the national rate.

This fact sheet contains information on fatal motor vehicle traffic crashes based on data from the Fatality Analysis Reporting System (FARS). Refer to the end of this publication for more information on FARS.

Due to a vehicle classification change, the 2020 and later-year vehicle type classifications are not comparable to 2019 and earlier-year vehicle type classifications. This change affects any analysis with a vehicle component to it. Refer to the end of this publication for more information on Product Information Catalog and Vehicle Listing (vPIC).

A motor vehicle traffic crash is defined as an incident that involved one or more motor vehicles in-transport that originated on or had a harmful event (injury or damage) on a public trafficway, such as a road or highway. Crashes that occurred on private property not regularly used by the public for transport, including some parts of parking lots and driveways, are excluded. The terms “motor vehicle traffic crash” and “traffic crash” are used interchangeably in this document.

“Missing” FARS Alcohol Data

BAC test results are not reported for many drivers involved in fatal traffic crashes. BAC can be missing due to several reasons, the most frequent being that drivers are not always tested for alcohol. Each State or local jurisdiction has its own guidelines of when to administer BAC tests in fatal traffic crashes.

To address the missing data issue, NHTSA uses a statistical model, multiple imputation, to estimate the missing BAC of the driver. This statistical model is based on important characteristics of the crash including:

- crash factors (time of day, day of week, type of crash, and relation to roadway);
- vehicle factors (vehicle type and role in the crash);
- person factors (age, sex, restraint use, and previous driving violations); and
- most important, the subjective assessment of the investigating police officer as to whether alcohol was involved or not.

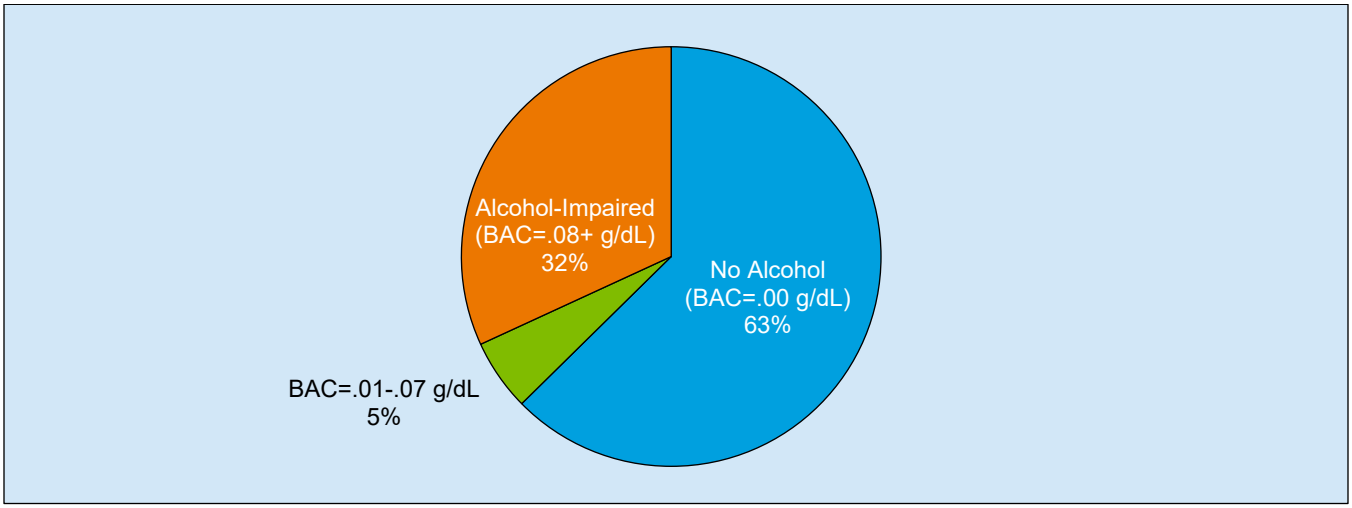
For more information on multiple imputation, see NHTSA’s report, *Multiple Imputation of Missing Blood Alcohol Concentration (BAC) Values in FARS* (Report No. DOT HS 808 816), available at https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/808816.

The statistical model was developed at the national level using all available known data and applied to each individual driver with missing or unknown BAC test results.

Overview

Figure 1 plots the percentages of traffic fatalities, by highest driver BAC in the crash in 2022. Thirty-two percent of traffic fatalities occurred in crashes that involved one or more drivers who were alcohol-impaired in 2022.

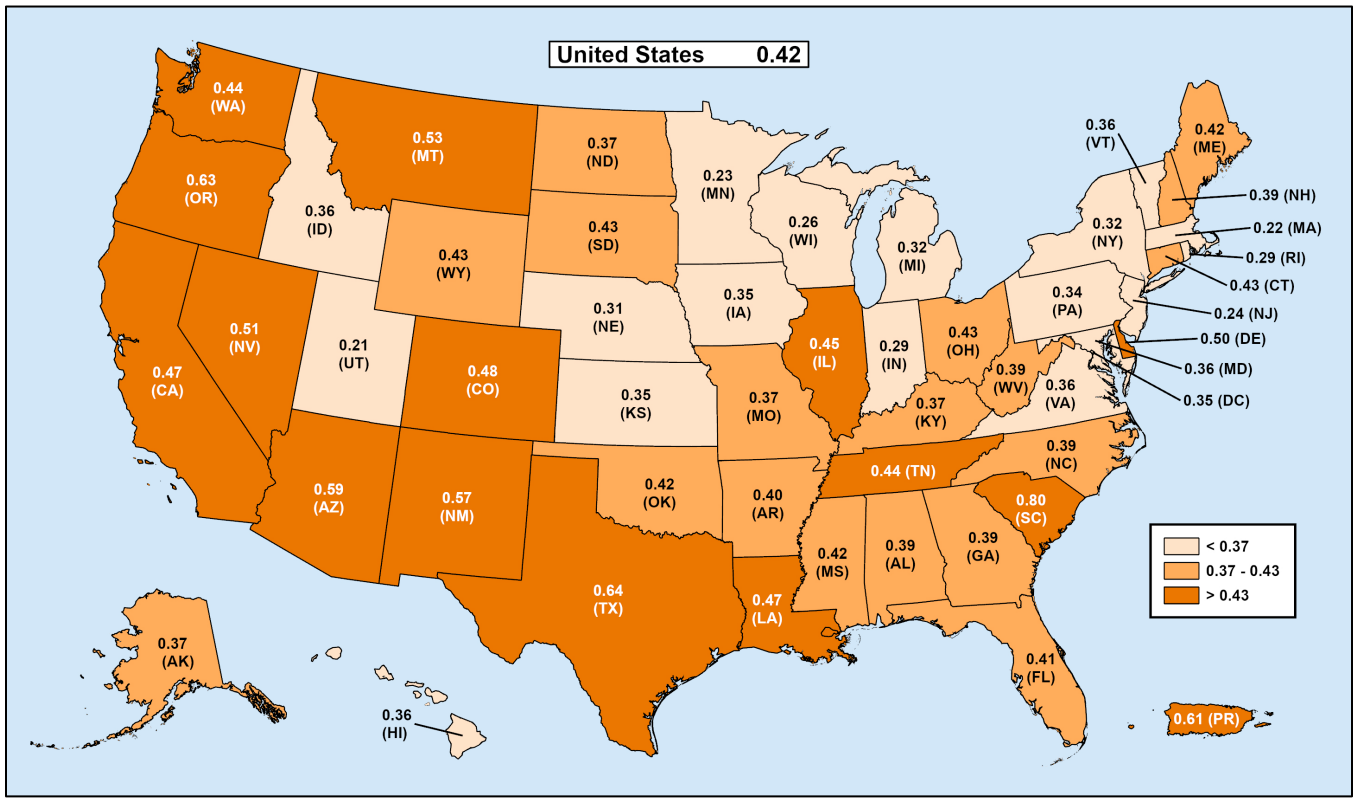
Figure 1. Percentages of Traffic Fatalities, by Highest Driver BAC in the Crash, 2022



Source: FARS 2022 Annual Report File (ARF)
Note: NHTSA estimates BACs when alcohol test results are unknown.

Figure 2 contains the map of alcohol-impaired-driving fatality rates per 100 million VMT by State for 2022, including the District of Columbia and Puerto Rico. The State alcohol-impaired-driving fatality rate per 100 million VMT ranged from a low of 0.21 (Utah) to a high of 0.80 (South Carolina), compared to the national rate of 0.42. Puerto Rico had a fatality rate of 0.61 but was not included in the national rate computation.

Figure 2. Alcohol-Impaired-Driving Fatality Rates per 100 Million VMT, by State, 2022



Sources: FARS 2022 ARF; VMT – Federal Highway Administration (FHWA)
Note: NHTSA estimates BACs when alcohol test results are unknown.

State-by-State Data Tables

Tables 1 to 4 and Table 10 present State-level and national-level estimates; Tables 5 to 9 present State-level and national-level counts. Estimates or counts for Puerto Rico are not included in the national estimates or counts. These estimates represent a combination of known BAC results and estimated BACs derived from the imputation model for missing or unknown BAC results.

For Tables 1 to 4, estimates are presented in four BAC categories:

- No alcohol (BAC of .00 g/dL),
- BAC of .01 g/dL or higher,
- BAC of .08 g/dL or higher (alcohol-impaired), and
- BAC of .15 g/dL or higher (alcohol-impaired).

Tables 1 and 2 present the estimated number of traffic fatalities by highest driver BAC in the crash as well as the estimated number and percentage for each BAC category for 2013 and 2022 by State.

- Of the 32,893 traffic fatalities in 2013 there were 10,084 people (31%) killed in alcohol-impaired-driving crashes where at least one driver was alcohol-impaired (Table 1).
- In 2022 traffic fatalities (42,514) and people killed in alcohol-impaired-driving crashes (13,524) were more than in 2013. The percentage of alcohol-impaired-driving fatalities in 2022 increased to 32 percent (Table 2).
- The States with the highest alcohol-impaired-driving fatality percentages in 2022 were Rhode Island and South Carolina (43% each), followed by Texas (42%).

Tables 3 and 4 present the estimated number of drivers involved in fatal traffic crashes by their BACs as well as the estimated number and percentages for each BAC category for 2013 and 2022.

- Of the 44,803 drivers involved in fatal crashes in 2013, there were 9,475 (21%) who were alcohol-impaired (Table 3).
- In 2022 the number of drivers involved in fatal crashes (60,048) and the number of drivers who were alcohol-impaired (12,955) were more than in 2013. The percentages of alcohol-impaired drivers in 2022 increased to 22 percent (Table 4).
- Alcohol-impaired drivers, as percentages of total drivers involved in fatal crashes in 2022, ranged from 14 percent (Utah) to 31 percent (Rhode Island).

Table 5 presents the number of drivers involved in fatal traffic crashes as well as the number and percentages of drivers tested with known results for 2013 and 2022.

- Of the 44,803 drivers involved in fatal crashes in 2013, there were 22,636 (51%) with known BAC test results.
- Of the 60,048 drivers involved in fatal crashes in 2022, there were 22,048 (37%) with known BAC test results. This 2022 percentage (37%) is a smaller proportion compared to 2013 (51%).
- The percentages of drivers involved in fatal crashes with known BAC test results by State in 2022 ranged from 8 percent (Mississippi) to 81 percent (Montana).

For Tables 6 to 9, numbers are presented in four BAC test status categories:

- Tested with known results,
- Tested with unknown results,
- Not tested, and
- Unknown if tested.

Tables 6 and 7 present the number of driver traffic fatalities and their BAC test status for 2013 and 2022.

- Of the 20,943 driver fatalities in 2013 there were 15,661 (75%) who had known BAC test results (Table 6).
- Of the 26,842 driver fatalities in 2022 there were 15,654 (58%) who had known BAC test results (Table 7). This 2022 percentage (58%) is a smaller proportion compared to 2013 (75%).
- The percentages of driver fatalities with known BAC test results by State in 2022 ranged from 5 percent (Mississippi) to 97 percent (Massachusetts). Puerto Rico had 100 percent with known BAC test results.

Tables 8 and 9 present the number of surviving drivers involved in fatal traffic crashes and their BAC test statuses for 2013 and 2022. The proportion of surviving drivers with known test results is much smaller than drivers who did not survive.

- Of the 23,860 surviving drivers involved in fatal crashes in 2013 there were 6,975 (29%) who had known BAC test results (Table 8).
- Of the 33,206 surviving drivers involved in fatal crashes in 2022 there were 6,394 (19%) who had known BAC test results (Table 9). This 2022 percentage (19%) is a smaller proportion compared to 2013 (29%).
- The percentages of surviving drivers who had known BAC results based on total surviving drivers in fatal crashes by State in 2022 ranged from 1 percent (Virginia) to 75 percent (Montana).

Table 10 presents the estimated percentages of alcohol-impaired-driving fatalities (same percentages as in Tables 1 and 2) and the estimated percentages of alcohol-impaired drivers involved in fatal traffic crashes (same percentages as in Tables 3 and 4) for 2013 and 2022. The 50 States, the District of Columbia, and Puerto Rico are grouped into different NHTSA regions for this table.

Table 1. Traffic Fatalities, by State and Highest Driver BAC in the Crash, 2013

State	Total Fatalities*	No Alcohol (BAC=.00 g/dL)		BAC=.01+ g/dL		Alcohol-Impaired			
						BAC=.08+ g/dL		BAC=.15+ g/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	853	544	64%	308	36%	259	30%	175	20%
Alaska	51	33	65%	17	34%	16	31%	13	25%
Arizona	849	572	67%	263	31%	221	26%	157	19%
Arkansas	498	335	67%	160	32%	121	24%	90	18%
California	3,107	2,053	66%	1,041	34%	880	28%	594	19%
Colorado	482	310	64%	171	35%	140	29%	104	21%
Connecticut	286	143	50%	143	50%	126	44%	80	28%
Delaware	99	57	58%	42	42%	38	38%	28	28%
District of Columbia	20	13	64%	7	37%	7	36%	5	23%
Florida	2,403	1,607	67%	786	33%	672	28%	478	20%
Georgia	1,180	826	70%	348	30%	296	25%	180	15%
Hawaii	102	56	55%	46	45%	34	34%	22	22%
Idaho	214	138	65%	73	34%	57	27%	41	19%
Illinois	991	594	60%	396	40%	330	33%	230	23%
Indiana	784	539	69%	244	31%	199	25%	143	18%
Iowa	317	204	64%	113	36%	101	32%	75	24%
Kansas	350	234	67%	116	33%	98	28%	72	21%
Kentucky	638	445	70%	192	30%	166	26%	111	17%
Louisiana	703	427	61%	272	39%	232	33%	142	20%
Maine	144	92	64%	52	36%	41	28%	25	17%
Maryland	465	293	63%	171	37%	137	29%	88	19%
Massachusetts	351	199	57%	147	42%	125	36%	74	21%
Michigan	947	641	68%	307	32%	249	26%	165	17%
Minnesota	387	272	70%	115	30%	95	25%	75	19%
Mississippi	613	378	62%	234	38%	207	34%	129	21%
Missouri	757	472	62%	283	37%	244	32%	168	22%
Montana	229	124	54%	105	46%	93	41%	66	29%
Nebraska	211	137	65%	69	33%	60	28%	44	21%
Nevada	266	172	65%	94	35%	81	30%	57	22%
New Hampshire	135	83	61%	52	39%	45	34%	33	24%
New Jersey	542	356	66%	187	34%	148	27%	95	17%
New Mexico	311	191	61%	120	39%	98	31%	69	22%
New York	1,202	756	63%	444	37%	369	31%	236	20%
North Carolina	1,290	861	67%	426	33%	368	28%	239	19%
North Dakota	148	73	50%	73	49%	61	41%	53	36%
Ohio	989	668	68%	318	32%	266	27%	167	17%
Oklahoma	678	472	70%	206	30%	170	25%	124	18%
Oregon	313	191	61%	120	38%	103	33%	78	25%
Pennsylvania	1,210	783	65%	424	35%	360	30%	253	21%
Rhode Island	65	38	59%	27	41%	23	35%	16	25%
South Carolina	767	380	49%	384	50%	339	44%	228	30%
South Dakota	135	86	64%	47	35%	41	30%	33	25%
Tennessee	995	656	66%	337	34%	284	29%	194	19%
Texas	3,389	1,851	55%	1,535	45%	1,327	39%	893	26%
Utah	220	175	80%	43	20%	37	17%	24	11%
Vermont	69	45	65%	24	35%	19	27%	15	22%
Virginia	740	416	56%	321	43%	263	36%	188	25%
Washington	436	265	61%	171	39%	151	35%	94	22%
West Virginia	332	221	67%	111	33%	91	27%	63	19%
Wisconsin	543	331	61%	208	38%	177	33%	129	24%
Wyoming	87	58	67%	29	33%	25	28%	18	21%
U.S. Total	**32,893**	**20,865**	**63%**	**11,918**	**36%**	**10,084**	**31%**	**6,870**	**21%**
Puerto Rico	344	189	55%	154	45%	123	36%	74	21%

Source: FARS 2013 Final File

*Includes fatalities in crashes in which there was no driver coded.

Notes: NHTSA estimates BACs when alcohol test results are unknown. Percentages are computed based on unrounded estimates. The sum of components may not equal total due to independent rounding.

Table 2. Traffic Fatalities, by State and Highest Driver BAC in the Crash, 2022

State	Total Fatalities*	No Alcohol (BAC=.00 g/dL)		BAC=.01+ g/dL		Alcohol-Impaired			
						BAC=.08+ g/dL		BAC=.15+ g/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	988	661	67%	326	33%	281	28%	198	20%
Alaska	82	61	75%	21	25%	20	24%	14	17%
Arizona	1,302	780	60%	518	40%	450	35%	298	23%
Arkansas	643	443	69%	200	31%	153	24%	107	17%
California	4,428	2,717	61%	1,703	38%	1,479	33%	954	22%
Colorado	764	447	59%	314	41%	260	34%	167	22%
Connecticut	359	208	58%	151	42%	127	35%	92	26%
Delaware	162	104	64%	58	36%	49	30%	31	19%
District of Columbia	32	18	56%	14	44%	12	39%	10	30%
Florida	3,530	2,430	69%	1,094	31%	940	27%	616	17%
Georgia	1,797	1,197	67%	599	33%	507	28%	350	19%
Hawaii	116	69	60%	47	40%	37	31%	23	20%
Idaho	215	136	63%	79	37%	69	32%	52	24%
Illinois	1,268	716	56%	551	43%	471	37%	327	26%
Indiana	949	624	66%	325	34%	274	29%	180	19%
Iowa	338	195	58%	138	41%	116	34%	77	23%
Kansas	410	274	67%	135	33%	109	27%	73	18%
Kentucky	744	539	73%	204	27%	176	24%	112	15%
Louisiana	906	582	64%	324	36%	267	29%	185	20%
Maine	182	103	56%	79	43%	62	34%	43	24%
Maryland	564	337	60%	227	40%	207	37%	144	25%
Massachusetts	434	289	67%	144	33%	123	28%	88	20%
Michigan	1,124	763	68%	361	32%	305	27%	196	17%
Minnesota	444	291	66%	153	34%	130	29%	95	21%
Mississippi	703	512	73%	191	27%	168	24%	109	16%
Missouri	1,057	689	65%	367	35%	290	27%	196	19%
Montana	213	129	61%	83	39%	71	34%	59	28%
Nebraska	244	155	64%	89	36%	67	28%	41	17%
Nevada	416	246	59%	170	41%	140	34%	97	23%
New Hampshire	146	88	61%	58	39%	52	36%	37	25%
New Jersey	685	470	69%	211	31%	177	26%	105	15%
New Mexico	466	287	62%	179	38%	152	33%	112	24%
New York	1,175	731	62%	444	38%	371	32%	251	21%
North Carolina	1,630	1,100	68%	528	32%	460	28%	287	18%
North Dakota	98	57	58%	42	42%	34	34%	22	23%
Ohio	1,275	709	56%	559	44%	471	37%	339	27%
Oklahoma	710	492	69%	216	30%	186	26%	125	18%
Oregon	601	330	55%	271	45%	232	39%	156	26%
Pennsylvania	1,179	785	67%	390	33%	338	29%	225	19%
Rhode Island	52	24	46%	28	54%	22	43%	17	33%
South Carolina	1,094	558	51%	535	49%	474	43%	319	29%
South Dakota	137	83	61%	54	39%	44	32%	28	20%
Tennessee	1,314	878	67%	435	33%	364	28%	226	17%
Texas	4,408	2,249	51%	2,152	49%	1,869	42%	1,255	28%
Utah	319	231	72%	88	28%	71	22%	50	16%
Vermont	76	42	55%	34	45%	26	34%	16	21%
Virginia	1,008	660	65%	346	34%	298	30%	209	21%
Washington	733	422	58%	306	42%	256	35%	159	22%
West Virginia	264	184	70%	80	30%	60	23%	43	16%
Wisconsin	596	398	67%	197	33%	171	29%	108	18%
Wyoming	134	85	64%	49	36%	40	30%	27	20%
U.S. Total	**42,514**	**26,580**	**63%**	**15,861**	**37%**	**13,524**	**32%**	**9,047**	**21%**
Puerto Rico	271	161	59%	108	40%	91	34%	55	20%

Source: FARS 2022 ARF

*Includes fatalities in crashes in which there was no driver coded.

Notes: NHTSA estimates BACs when alcohol test results are unknown. Percentages are computed based on unrounded estimates. The sum of components may not equal total due to independent rounding.

Table 3. Drivers Involved in Fatal Traffic Crashes, by State and Their BACs, 2013

State	Total Drivers Involved	No Alcohol (BAC=.00 g/dL)		BAC=.01+ g/dL		Alcohol-Impaired			
						BAC=.08+ g/dL		BAC=.15+ g/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	1,114	828	74%	286	26%	240	22%	158	14%
Alaska	66	50	75%	16	25%	15	23%	12	18%
Arizona	1,153	906	79%	247	21%	206	18%	149	13%
Arkansas	653	506	77%	147	23%	113	17%	82	13%
California	4,222	3,252	77%	970	23%	812	19%	539	13%
Colorado	628	471	75%	157	25%	129	21%	93	15%
Connecticut	385	249	65%	136	35%	120	31%	75	19%
Delaware	150	107	72%	43	28%	37	25%	27	18%
District of Columbia	31	24	76%	7	24%	7	23%	5	15%
Florida	3,337	2,584	77%	753	23%	636	19%	438	13%
Georgia	1,621	1,298	80%	323	20%	270	17%	167	10%
Hawaii	123	82	67%	41	33%	32	26%	21	17%
Idaho	273	204	75%	69	25%	56	20%	40	15%
Illinois	1,346	969	72%	377	28%	307	23%	214	16%
Indiana	1,092	860	79%	232	21%	187	17%	134	12%
Iowa	433	330	76%	103	24%	91	21%	66	15%
Kansas	469	351	75%	118	25%	99	21%	70	15%
Kentucky	873	688	79%	185	21%	160	18%	106	12%
Louisiana	955	695	73%	260	27%	218	23%	132	14%
Maine	188	138	74%	50	26%	38	20%	24	13%
Maryland	645	481	75%	164	25%	127	20%	83	13%
Massachusetts	445	299	67%	146	33%	122	27%	71	16%
Michigan	1,356	1,068	79%	288	21%	231	17%	149	11%
Minnesota	559	447	80%	112	20%	90	16%	70	12%
Mississippi	779	556	71%	223	29%	198	25%	123	16%
Missouri	992	739	75%	253	25%	212	21%	142	14%
Montana	266	176	66%	90	34%	80	30%	56	21%
Nebraska	275	209	76%	66	24%	55	20%	41	15%
Nevada	383	293	77%	90	23%	77	20%	54	14%
New Hampshire	168	118	70%	50	30%	43	25%	31	18%
New Jersey	748	566	76%	182	24%	143	19%	91	12%
New Mexico	391	279	71%	112	29%	90	23%	62	16%
New York	1,575	1,137	72%	439	28%	357	23%	228	14%
North Carolina	1,749	1,355	77%	394	23%	333	19%	217	12%
North Dakota	213	146	69%	67	31%	56	26%	47	22%
Ohio	1,477	1,183	80%	294	20%	246	17%	157	11%
Oklahoma	969	781	81%	188	19%	155	16%	114	12%
Oregon	419	297	71%	122	29%	102	24%	75	18%
Pennsylvania	1,691	1,277	76%	414	24%	350	21%	239	14%
Rhode Island	83	56	67%	27	33%	22	27%	14	17%
South Carolina	1,027	652	64%	375	36%	327	32%	211	21%
South Dakota	182	141	77%	41	23%	36	20%	31	17%
Tennessee	1,391	1,084	78%	307	22%	258	19%	174	13%
Texas	4,616	3,114	67%	1,502	33%	1,273	28%	829	18%
Utah	287	245	85%	42	15%	36	13%	24	8%
Vermont	89	66	74%	23	26%	18	20%	14	16%
Virginia	992	694	70%	298	30%	244	25%	174	18%
Washington	592	432	73%	160	27%	141	24%	89	15%
West Virginia	430	325	76%	105	24%	85	20%	59	14%
Wisconsin	796	589	74%	207	26%	173	22%	124	16%
Wyoming	106	81	77%	25	23%	21	20%	15	14%
U.S. Total	**44,803**	**33,478**	**75%**	**11,325**	**25%**	**9,475**	**21%**	**6,357**	**14%**
Puerto Rico	429	281	65%	148	35%	120	28%	72	17%

Source: FARS 2013 Final File

Notes: NHTSA estimates BACs when alcohol test results are unknown. Percentages are computed based on unrounded estimates. The sum of components may not equal total due to independent rounding.

Table 4. Drivers Involved in Fatal Traffic Crashes, by State and Their BACs, 2022

State	Total Drivers Involved	No Alcohol (BAC=.00 g/dL)		BAC=.01+ g/dL		Alcohol-Impaired			
						BAC=.08+ g/dL		BAC=.15+ g/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	1,397	1,077	77%	320	23%	268	19%	186	13%
Alaska	120	101	84%	19	16%	18	15%	12	10%
Arizona	1,806	1,300	72%	506	28%	434	24%	278	15%
Arkansas	916	725	79%	191	21%	145	16%	100	11%
California	6,153	4,501	73%	1,652	27%	1,418	23%	886	14%
Colorado	1,080	795	74%	286	26%	238	22%	155	14%
Connecticut	505	369	73%	136	27%	114	22%	78	15%
Delaware	233	177	76%	56	24%	46	20%	26	11%
District of Columbia	39	26	67%	13	33%	11	28%	8	19%
Florida	5,165	4,118	80%	1,047	20%	886	17%	563	11%
Georgia	2,505	1,924	77%	581	23%	484	19%	331	13%
Hawaii	165	119	72%	46	28%	35	21%	21	13%
Idaho	304	229	75%	75	25%	63	21%	47	15%
Illinois	1,847	1,317	71%	530	29%	444	24%	291	16%
Indiana	1,402	1,091	78%	311	22%	261	19%	167	12%
Iowa	460	322	70%	138	30%	112	24%	72	16%
Kansas	536	406	76%	130	24%	102	19%	66	12%
Kentucky	1,066	874	82%	192	18%	164	15%	102	10%
Louisiana	1,226	919	75%	307	25%	249	20%	170	14%
Maine	251	177	71%	74	29%	57	23%	38	15%
Maryland	824	599	73%	225	27%	203	25%	135	16%
Massachusetts	594	450	76%	144	24%	121	20%	85	14%
Michigan	1,621	1,269	78%	352	22%	297	18%	188	12%
Minnesota	644	496	77%	148	23%	124	19%	87	14%
Mississippi	955	774	81%	181	19%	158	17%	100	10%
Missouri	1,478	1,130	76%	348	24%	273	18%	181	12%
Montana	253	173	68%	80	32%	67	27%	55	22%
Nebraska	366	287	78%	79	22%	59	16%	32	9%
Nevada	585	426	73%	159	27%	130	22%	86	15%
New Hampshire	204	148	72%	56	28%	49	24%	37	18%
New Jersey	1,028	823	80%	205	20%	170	17%	99	10%
New Mexico	654	486	74%	168	26%	141	22%	102	16%
New York	1,592	1,150	72%	442	28%	362	23%	236	15%
North Carolina	2,253	1,755	78%	499	22%	428	19%	261	12%
North Dakota	152	109	71%	43	29%	34	22%	22	14%
Ohio	1,885	1,312	70%	573	30%	477	25%	331	18%
Oklahoma	993	785	79%	208	21%	180	18%	120	12%
Oregon	819	548	67%	271	33%	226	28%	146	18%
Pennsylvania	1,666	1,292	78%	374	22%	318	19%	210	13%
Rhode Island	70	42	60%	28	40%	22	31%	17	25%
South Carolina	1,533	1,002	65%	532	35%	461	30%	299	20%
South Dakota	189	142	75%	47	25%	39	21%	25	13%
Tennessee	1,873	1,456	78%	417	22%	346	18%	214	11%
Texas	6,280	4,112	65%	2,169	35%	1,845	29%	1,181	19%
Utah	471	385	82%	86	18%	66	14%	45	10%
Vermont	107	74	69%	33	31%	25	24%	16	15%
Virginia	1,403	1,064	76%	339	24%	288	21%	199	14%
Washington	1,041	738	71%	303	29%	248	24%	151	14%
West Virginia	353	277	78%	76	22%	57	16%	39	11%
Wisconsin	827	641	78%	186	22%	159	19%	98	12%
Wyoming	159	116	73%	43	27%	37	23%	25	15%
U.S. Total	**60,048**	**44,624**	**74%**	**15,425**	**26%**	**12,955**	**22%**	**8,420**	**14%**
Puerto Rico	366	255	70%	111	30%	93	25%	55	15%

Source: FARS 2022 ARF

Notes: NHTSA estimates BACs when alcohol test results are unknown. Percentages are computed based on unrounded estimates. The sum of components may not equal total due to independent rounding.

Table 5. Drivers Involved in Fatal Traffic Crashes, by State and BAC Test Status, 2013 and 2022

State	2013			2022		
	Total Drivers Involved	Tested With Known Results		Total Drivers Involved	Tested With Known Results	
		Number	Percent		Number	Percent
Alabama	1,114	516	46%	1,397	632	45%
Alaska	66	47	71%	120	92	77%
Arizona	1,153	664	58%	1,806	435	24%
Arkansas	653	512	78%	916	586	64%
California	4,222	2,123	50%	6,153	1,279	21%
Colorado	628	337	54%	1,080	531	49%
Connecticut	385	175	45%	505	218	43%
Delaware	150	45	30%	233	90	39%
District of Columbia	31	15	48%	39	14	36%
Florida	3,337	1,414	42%	5,165	1,365	26%
Georgia	1,621	669	41%	2,505	834	33%
Hawaii	123	91	74%	165	78	47%
Idaho	273	136	50%	304	149	49%
Illinois	1,346	776	58%	1,847	622	34%
Indiana	1,092	694	64%	1,402	448	32%
Iowa	433	174	40%	460	176	38%
Kansas	469	328	70%	536	208	39%
Kentucky	873	525	60%	1,066	619	58%
Louisiana	955	725	76%	1,226	888	72%
Maine	188	162	86%	251	157	63%
Maryland	645	285	44%	824	312	38%
Massachusetts	445	160	36%	594	272	46%
Michigan	1,356	712	53%	1,621	625	39%
Minnesota	559	306	55%	644	288	45%
Mississippi	779	261	34%	955	72	8%
Missouri	992	722	73%	1,478	980	66%
Montana	266	226	85%	253	206	81%
Nebraska	275	211	77%	366	252	69%
Nevada	383	202	53%	585	237	41%
New Hampshire	168	137	82%	204	144	71%
New Jersey	748	400	53%	1,028	463	45%
New Mexico	391	144	37%	654	235	36%
New York	1,575	594	38%	1,592	472	30%
North Carolina	1,749	813	46%	2,253	566	25%
North Dakota	213	135	63%	152	70	46%
Ohio	1,477	662	45%	1,885	884	47%
Oklahoma	969	638	66%	993	575	58%
Oregon	419	276	66%	819	388	47%
Pennsylvania	1,691	830	49%	1,666	576	35%
Rhode Island	83	41	49%	70	34	49%
South Carolina	1,027	459	45%	1,533	636	41%
South Dakota	182	144	79%	189	101	53%
Tennessee	1,391	719	52%	1,873	891	48%
Texas	4,616	1,613	35%	6,280	1,776	28%
Utah	287	150	52%	471	259	55%
Vermont	89	56	63%	107	66	62%
Virginia	992	340	34%	1,403	531	38%
Washington	592	372	63%	1,041	375	36%
West Virginia	430	238	55%	353	162	46%
Wisconsin	796	603	76%	827	118	14%
Wyoming	106	59	56%	159	61	38%
U.S. Total	**44,803**	**22,636**	**51%**	**60,048**	**22,048**	**37%**
Puerto Rico	429	336	78%	366	285	78%

Source: FARS 2013 Final File, 2022 ARF

Table 6. Driver Fatalities in Traffic Crashes, by State and BAC Test Status, 2013

State	Total Driver Fatalities	Tested With Known Results		Tested With Unknown Results		Not Tested		Unknown If Tested	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	614	331	54%	74	12%	204	33%	5	1%
Alaska	37	28	76%	0	0%	9	24%	0	0%
Arizona	471	402	85%	2	0%	54	11%	13	3%
Arkansas	337	280	83%	0	0%	57	17%	0	0%
California	1,606	1,439	90%	4	0%	152	9%	11	1%
Colorado	315	266	84%	0	0%	49	16%	0	0%
Connecticut	191	110	58%	7	4%	17	9%	57	30%
Delaware	56	34	61%	1	2%	20	36%	1	2%
District of Columbia	9	6	67%	2	22%	0	0%	1	11%
Florida	1,389	1,019	73%	9	1%	251	18%	110	8%
Georgia	722	439	61%	7	1%	276	38%	0	0%
Hawaii	58	55	95%	0	0%	2	3%	1	2%
Idaho	148	79	53%	27	18%	41	28%	1	1%
Illinois	630	548	87%	20	3%	62	10%	0	0%
Indiana	529	329	62%	20	4%	180	34%	0	0%
Iowa	233	116	50%	4	2%	112	48%	1	0%
Kansas	250	177	71%	2	1%	57	23%	14	6%
Kentucky	453	356	79%	0	0%	94	21%	3	1%
Louisiana	474	387	82%	35	7%	40	8%	12	3%
Maine	108	97	90%	2	2%	1	1%	8	7%
Maryland	270	244	90%	0	0%	7	3%	19	7%
Massachusetts	212	156	74%	5	2%	9	4%	42	20%
Michigan	606	414	68%	33	5%	115	19%	44	7%
Minnesota	258	222	86%	0	0%	20	8%	16	6%
Mississippi	438	214	49%	14	3%	194	44%	16	4%
Missouri	523	436	83%	5	1%	82	16%	0	0%
Montana	149	132	89%	0	0%	17	11%	0	0%
Nebraska	137	105	77%	0	0%	32	23%	0	0%
Nevada	145	138	95%	3	2%	3	2%	1	1%
New Hampshire	101	93	92%	0	0%	8	8%	0	0%
New Jersey	304	258	85%	0	0%	45	15%	1	0%
New Mexico	166	124	75%	2	1%	25	15%	15	9%
New York	638	537	84%	0	0%	12	2%	89	14%
North Carolina	885	743	84%	6	1%	136	15%	0	0%
North Dakota	117	104	89%	1	1%	12	10%	0	0%
Ohio	690	544	79%	6	1%	140	20%	0	0%
Oklahoma	451	402	89%	0	0%	49	11%	0	0%
Oregon	204	185	91%	0	0%	17	8%	2	1%
Pennsylvania	837	621	74%	85	10%	103	12%	28	3%
Rhode Island	41	34	83%	0	0%	7	17%	0	0%
South Carolina	535	429	80%	6	1%	96	18%	4	1%
South Dakota	100	87	87%	2	2%	10	10%	1	1%
Tennessee	715	417	58%	7	1%	262	37%	29	4%
Texas	2,133	1,172	55%	107	5%	853	40%	1	0%
Utah	135	92	68%	0	0%	43	32%	0	0%
Vermont	46	41	89%	0	0%	4	9%	1	2%
Virginia	509	337	66%	7	1%	55	11%	110	22%
Washington	271	255	94%	0	0%	12	4%	4	1%
West Virginia	242	228	94%	3	1%	6	2%	5	2%
Wisconsin	396	361	91%	1	0%	32	8%	2	1%
Wyoming	59	38	64%	0	0%	19	32%	2	3%
U.S. Total	**20,943**	**15,661**	**75%**	**509**	**2%**	**4,103**	**20%**	**670**	**3%**
Puerto Rico	179	171	96%	0	0%	8	4%	0	0%

Source: FARS 2013 Final File

Table 7. Driver Fatalities in Traffic Crashes, by State and BAC Test Status, 2022

State	Total Driver Fatalities	Tested With Known Results		Tested With Unknown Results		Not Tested		Unknown If Tested	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	699	405	58%	0	0%	294	42%	0	0%
Alaska	53	49	92%	1	2%	2	4%	1	2%
Arizona	719	336	47%	17	2%	61	8%	305	42%
Arkansas	452	332	73%	0	0%	99	22%	21	5%
California	2,378	652	27%	5	0%	70	3%	1,651	69%
Colorado	481	423	88%	0	0%	57	12%	1	0%
Connecticut	236	200	85%	5	2%	21	9%	10	4%
Delaware	86	64	74%	1	1%	13	15%	8	9%
District of Columbia	10	4	40%	0	0%	0	0%	6	60%
Florida	2,022	967	48%	5	0%	33	2%	1,017	50%
Georgia	1,167	608	52%	12	1%	424	36%	123	11%
Hawaii	65	53	82%	0	0%	4	6%	8	12%
Idaho	156	102	65%	9	6%	42	27%	3	2%
Illinois	793	468	59%	14	2%	273	34%	38	5%
Indiana	658	173	26%	1	0%	313	48%	171	26%
Iowa	252	130	52%	6	2%	109	43%	7	3%
Kansas	305	152	50%	1	0%	13	4%	139	46%
Kentucky	516	376	73%	1	0%	116	22%	23	4%
Louisiana	544	462	85%	0	0%	77	14%	5	1%
Maine	139	105	76%	3	2%	23	17%	8	6%
Maryland	347	273	79%	0	0%	19	5%	55	16%
Massachusetts	270	263	97%	0	0%	6	2%	1	0%
Michigan	742	256	35%	62	8%	27	4%	397	54%
Minnesota	332	231	70%	0	0%	21	6%	80	24%
Mississippi	482	22	5%	13	3%	421	87%	26	5%
Missouri	721	543	75%	0	0%	108	15%	70	10%
Montana	152	130	86%	0	0%	18	12%	4	3%
Nebraska	175	134	77%	0	0%	41	23%	0	0%
Nevada	238	194	82%	1	0%	8	3%	35	15%
New Hampshire	106	97	92%	0	0%	9	8%	0	0%
New Jersey	375	333	89%	0	0%	39	10%	3	1%
New Mexico	276	207	75%	1	0%	64	23%	4	1%
New York	649	401	62%	0	0%	35	5%	213	33%
North Carolina	1,103	502	46%	6	1%	187	17%	408	37%
North Dakota	81	63	78%	0	0%	16	20%	2	2%
Ohio	887	754	85%	0	0%	124	14%	9	1%
Oklahoma	472	397	84%	1	0%	73	15%	1	0%
Oregon	381	290	76%	5	1%	50	13%	36	9%
Pennsylvania	782	487	62%	109	14%	122	16%	64	8%
Rhode Island	36	32	89%	0	0%	4	11%	0	0%
South Carolina	736	583	79%	4	1%	76	10%	73	10%
South Dakota	87	32	37%	0	0%	6	7%	49	56%
Tennessee	860	572	67%	6	1%	271	32%	11	1%
Texas	2,696	1,416	53%	4	0%	207	8%	1,069	40%
Utah	201	174	87%	0	0%	26	13%	1	0%
Vermont	58	49	84%	0	0%	8	14%	1	2%
Virginia	672	525	78%	0	0%	56	8%	91	14%
Washington	482	345	72%	12	2%	64	13%	61	13%
West Virginia	202	155	77%	2	1%	14	7%	31	15%
Wisconsin	414	79	19%	1	0%	65	16%	269	65%
Wyoming	96	54	56%	0	0%	8	8%	34	35%
U.S. Total	**26,842**	**15,654**	**58%**	**308**	**1%**	**4,237**	**16%**	**6,643**	**25%**
Puerto Rico	168	168	100%	0	0%	0	0%	0	0%

Source: FARS 2022 ARF

Table 8. Surviving Drivers Involved in Fatal Traffic Crashes, by State and BAC Test Status, 2013

State	Total Surviving Drivers	Tested With Known Results		Tested With Unknown Results		Not Tested		Unknown If Tested	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	500	185	37%	35	7%	279	56%	1	0%
Alaska	29	19	66%	0	0%	10	34%	0	0%
Arizona	682	262	38%	0	0%	391	57%	29	4%
Arkansas	316	232	73%	0	0%	84	27%	0	0%
California	2,616	684	26%	15	1%	1,903	73%	14	1%
Colorado	313	71	23%	0	0%	241	77%	1	0%
Connecticut	194	65	34%	9	5%	61	31%	59	30%
Delaware	94	11	12%	5	5%	76	81%	2	2%
District of Columbia	22	9	41%	2	9%	9	41%	2	9%
Florida	1,948	395	20%	37	2%	1,041	53%	475	24%
Georgia	899	230	26%	4	0%	665	74%	0	0%
Hawaii	65	36	55%	0	0%	29	45%	0	0%
Idaho	125	57	46%	6	5%	62	50%	0	0%
Illinois	716	228	32%	50	7%	430	60%	8	1%
Indiana	563	365	65%	31	6%	167	30%	0	0%
Iowa	200	58	29%	2	1%	138	69%	2	1%
Kansas	219	151	69%	1	0%	59	27%	8	4%
Kentucky	420	169	40%	2	0%	245	58%	4	1%
Louisiana	481	338	70%	28	6%	93	19%	22	5%
Maine	80	65	81%	1	1%	8	10%	6	8%
Maryland	375	41	11%	0	0%	323	86%	11	3%
Massachusetts	233	4	2%	2	1%	17	7%	210	90%
Michigan	750	298	40%	10	1%	442	59%	0	0%
Minnesota	301	84	28%	2	1%	208	69%	7	2%
Mississippi	341	47	14%	7	2%	254	74%	33	10%
Missouri	469	286	61%	6	1%	177	38%	0	0%
Montana	117	94	80%	0	0%	22	19%	1	1%
Nebraska	138	106	77%	0	0%	32	23%	0	0%
Nevada	238	64	27%	1	0%	162	68%	11	5%
New Hampshire	67	44	66%	0	0%	23	34%	0	0%
New Jersey	444	142	32%	0	0%	300	68%	2	0%
New Mexico	225	20	9%	8	4%	127	56%	70	31%
New York	937	57	6%	1	0%	19	2%	860	92%
North Carolina	864	70	8%	38	4%	756	88%	0	0%
North Dakota	96	31	32%	0	0%	65	68%	0	0%
Ohio	787	118	15%	13	2%	655	83%	1	0%
Oklahoma	518	236	46%	0	0%	282	54%	0	0%
Oregon	215	91	42%	1	0%	123	57%	0	0%
Pennsylvania	854	209	24%	49	6%	556	65%	40	5%
Rhode Island	42	7	17%	0	0%	35	83%	0	0%
South Carolina	492	30	6%	29	6%	314	64%	119	24%
South Dakota	82	57	70%	1	1%	24	29%	0	0%
Tennessee	676	302	45%	1	0%	363	54%	10	1%
Texas	2,483	441	18%	141	6%	1,898	76%	3	0%
Utah	152	58	38%	11	7%	83	55%	0	0%
Vermont	43	15	35%	0	0%	27	63%	1	2%
Virginia	483	3	1%	33	7%	420	87%	27	6%
Washington	321	117	36%	5	2%	193	60%	6	2%
West Virginia	188	10	5%	19	10%	158	84%	1	1%
Wisconsin	400	242	61%	4	1%	154	39%	0	0%
Wyoming	47	21	45%	0	0%	22	47%	4	9%
U.S. Total	**23,860**	**6,975**	**29%**	**610**	**3%**	**14,225**	**60%**	**2,050**	**9%**
Puerto Rico	250	165	66%	12	5%	73	29%	0	0%

Source: FARS 2013 Final File

Table 9. Surviving Drivers Involved in Fatal Traffic Crashes, by State and BAC Test Status, 2022

State	Total Surviving Drivers	Tested With Known Results		Tested With Unknown Results		Not Tested		Unknown If Tested	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	698	227	33%	0	0%	471	67%	0	0%
Alaska	67	43	64%	0	0%	22	33%	2	3%
Arizona	1,087	99	9%	22	2%	336	31%	630	58%
Arkansas	464	254	55%	0	0%	190	41%	20	4%
California	3,775	627	17%	12	0%	2,854	76%	282	7%
Colorado	599	108	18%	0	0%	490	82%	1	0%
Connecticut	269	18	7%	15	6%	206	77%	30	11%
Delaware	147	26	18%	1	1%	104	71%	16	11%
District of Columbia	29	10	34%	1	3%	13	45%	5	17%
Florida	3,143	398	13%	26	1%	1,560	50%	1,159	37%
Georgia	1,338	226	17%	7	1%	818	61%	287	21%
Hawaii	100	25	25%	1	1%	62	62%	12	12%
Idaho	148	47	32%	4	3%	93	63%	4	3%
Illinois	1,054	154	15%	88	8%	756	72%	56	5%
Indiana	744	275	37%	0	0%	184	25%	285	38%
Iowa	208	46	22%	2	1%	153	74%	7	3%
Kansas	231	56	24%	1	0%	142	61%	32	14%
Kentucky	550	243	44%	11	2%	235	43%	61	11%
Louisiana	682	426	62%	0	0%	244	36%	12	2%
Maine	112	52	46%	0	0%	54	48%	6	5%
Maryland	477	39	8%	1	0%	416	87%	21	4%
Massachusetts	324	9	3%	3	1%	243	75%	69	21%
Michigan	879	369	42%	28	3%	473	54%	9	1%
Minnesota	312	57	18%	0	0%	251	80%	4	1%
Mississippi	473	50	11%	16	3%	397	84%	10	2%
Missouri	757	437	58%	1	0%	212	28%	107	14%
Montana	101	76	75%	1	1%	14	14%	10	10%
Nebraska	191	118	62%	0	0%	73	38%	0	0%
Nevada	347	43	12%	1	0%	112	32%	191	55%
New Hampshire	98	47	48%	0	0%	47	48%	4	4%
New Jersey	653	130	20%	0	0%	518	79%	5	1%
New Mexico	378	28	7%	2	1%	37	10%	311	82%
New York	943	71	8%	1	0%	15	2%	856	91%
North Carolina	1,150	64	6%	9	1%	696	61%	381	33%
North Dakota	71	7	10%	0	0%	62	87%	2	3%
Ohio	998	130	13%	2	0%	861	86%	5	1%
Oklahoma	521	178	34%	0	0%	343	66%	0	0%
Oregon	438	98	22%	2	0%	330	75%	8	2%
Pennsylvania	884	89	10%	94	11%	649	73%	52	6%
Rhode Island	34	2	6%	3	9%	28	82%	1	3%
South Carolina	797	53	7%	6	1%	730	92%	8	1%
South Dakota	102	69	68%	0	0%	11	11%	22	22%
Tennessee	1,013	319	31%	2	0%	680	67%	12	1%
Texas	3,584	360	10%	5	0%	3,032	85%	187	5%
Utah	270	85	31%	1	0%	183	68%	1	0%
Vermont	49	17	35%	0	0%	31	63%	1	2%
Virginia	731	6	1%	3	0%	701	96%	21	3%
Washington	559	30	5%	74	13%	309	55%	146	26%
West Virginia	151	7	5%	2	1%	65	43%	77	51%
Wisconsin	413	39	9%	2	0%	211	51%	161	39%
Wyoming	63	7	11%	0	0%	38	60%	18	29%
U.S. Total	**33,206**	**6,394**	**19%**	**450**	**1%**	**20,755**	**63%**	**5,607**	**17%**
Puerto Rico	198	117	59%	3	2%	78	39%	0	0%

Source: FARS 2022 ARF

Table 10. Percentages of Alcohol-Impaired-Driving Fatalities and Alcohol-Impaired Drivers Involved in Fatal Traffic Crashes, by Region and State, 2013 and 2022

Region and State		Percentage of Alcohol-Impaired-Driving Fatalities		Percentage of Alcohol-Impaired Drivers Involved in Fatal Traffic Crashes	
		2013	2022	2013	2022
Region 1	Maine	28%	34%	20%	23%
	Massachusetts	36%	28%	27%	20%
	New Hampshire	34%	36%	25%	24%
	Rhode Island	35%	43%	27%	31%
	Vermont	27%	34%	20%	24%
Region 2	Connecticut	44%	35%	31%	22%
	New Jersey	27%	26%	19%	17%
	New York	31%	32%	23%	23%
	Pennsylvania	30%	29%	21%	19%
	Puerto Rico*	36%	34%	28%	25%
Region 3	Delaware	38%	30%	25%	20%
	District of Columbia	36%	39%	23%	28%
	Kentucky	26%	24%	18%	15%
	Maryland	29%	37%	20%	25%
	North Carolina	28%	28%	19%	19%
	Virginia	36%	30%	25%	21%
	West Virginia	27%	23%	20%	16%
Region 4	Alabama	30%	28%	22%	19%
	Florida	28%	27%	19%	17%
	Georgia	25%	28%	17%	19%
	South Carolina	44%	43%	32%	30%
	Tennessee	29%	28%	19%	18%
Region 5	Illinois	33%	37%	23%	24%
	Indiana	25%	29%	17%	19%
	Michigan	26%	27%	17%	18%
	Minnesota	25%	29%	16%	19%
	Ohio	27%	37%	17%	25%
	Wisconsin	33%	29%	22%	19%
Region 6	Louisiana	33%	29%	23%	20%
	Mississippi	34%	24%	25%	17%
	New Mexico	31%	33%	23%	22%
	Oklahoma	25%	26%	16%	18%
	Texas	39%	42%	28%	29%
Region 7	Arkansas	24%	24%	17%	16%
	Iowa	32%	34%	21%	24%
	Kansas	28%	27%	21%	19%
	Missouri	32%	27%	21%	18%
	Nebraska	28%	28%	20%	16%
Region 8	Colorado	29%	34%	21%	22%
	Nevada	30%	34%	20%	22%
	North Dakota	41%	34%	26%	22%
	South Dakota	30%	32%	20%	21%
	Utah	17%	22%	13%	14%
	Wyoming	28%	30%	20%	23%
Region 9	Arizona	26%	35%	18%	24%
	California	28%	33%	19%	23%
	Hawaii	34%	31%	26%	21%
Region 10	Alaska	31%	24%	23%	15%
	Idaho	27%	32%	20%	21%
	Montana	41%	34%	30%	27%
	Oregon	33%	39%	24%	28%
	Washington	35%	35%	24%	24%
	U.S. Total	**31%**	**32%**	**21%**	**22%**

Source: FARS 2013 Final File, 2022 ARF
*Not included in U.S. total.
Notes: NHTSA estimates BACs when alcohol test results are unknown. Percentages are computed based on unrounded estimates.

Fatality Analysis Reporting System

FARS contains data on every fatal motor vehicle traffic crash within the 50 States, the District of Columbia, and Puerto Rico. To be included in FARS, a traffic crash must involve a motor vehicle traveling on a trafficway customarily open to the public and must result in the death of a vehicle occupant or a nonoccupant within 30 days of the crash. The Annual Report File (ARF) is the FARS data file associated with the most recent available year, which is subject to change when it is finalized the following year to the final version known as the Final File. The additional time between the ARF and the Final File provides the opportunity for submission of important variable data requiring outside sources, which may lead to changes in the final counts. More information on FARS can be found at www.nhtsa.gov/crash-data-systems/fatality-analysis-reporting-system.

The updated final counts for the previous data year will be reflected with the release of the recent year's ARF. For example, along with the release of the 2022 ARF, the 2021 Final File was released to replace the 2021 ARF. The final fatality count in motor vehicle traffic crashes for 2021 was 43,230, which was updated from 42,939 in the 2021 ARF.

Important Change for Motorized Bicycles

Prior to 2022, motorized bicycles were collected as motor vehicles and classified as motorcycles in FARS, and their operators and passengers were captured as motorists. Beginning in 2022, FARS is no longer collecting motorized bicycles as motor vehicles. Consequently, operators and passengers of motorized bicycles will be captured as pedalcyclists when involved in a motor vehicle traffic crash. Single-vehicle crashes involving motorized bicycles will no longer be captured.

Product Information Catalog and Vehicle Listing (vPIC) Vehicle Classification

Historically, vehicle type classifications (e.g., passenger cars, light trucks, large trucks, motorcycles, buses) from FARS used for analysis and data reporting were based on analyst-coded vehicle body type. NHTSA did not have manufacturer authoritative data to assist in vehicle body type coding. NCSA has developed a Product Information Catalog and Vehicle Listing (vPIC) dataset that is being used to decode VINs (Vehicle Identification Numbers) and extract vehicle information. Details of vehicles (make, model, body class, etc.) involved in crashes are obtained from vPIC via VIN-linkage. The VIN-derived information from vPIC uses the manufacturer's classification of body class, which allows for more accurate vehicle type analysis.

The vPIC-based analysis data are available beginning with 2020 FARS data file. Starting with the release of 2021 FARS data, all vehicle-related analysis for 2020 and later years will be based on vPIC vehicle classification. As a result, the 2020 and later-year vehicle type classifications are not comparable to 2019 and earlier-year vehicle type classifications. This change affects any analysis with a vehicle component to it. More information on vPIC can be found at https://vpic.nhtsa.dot.gov/.

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For More Information:

Motor vehicle traffic crash data are available from the National Center for Statistics and Analysis (NCSA), NSA-230. NCSA can be contacted at NCSARequests@dot.gov or 800-934-8517. NCSA programs can be found at www.nhtsa.gov/data. To report a motor vehicle safety-related problem or to inquire about safety information, contact the Vehicle Safety Hotline at 888-327-4236 or www.nhtsa.gov/report-a-safety-problem.

The following data tools and resources can be found at https://cdan.dot.gov.

- Fatal Motor Vehicle Traffic Crash Data Visualizations
- Motor Vehicle Traffic Crash Databook
- Fatality and Injury Reporting System Tool (FIRST)
- State Traffic Safety Information (STSI)
- Traffic Safety Facts Annual Report Tables
- FARS Data Tables (FARS Encyclopedia)
- Crash Viewer
- Product Information Catalog and Vehicle Listing (vPIC)
- FARS, NASS GES, CRSS, NASS Crashworthiness Data System (CDS), and Crash Investigation Sampling System (CISS) data can be downloaded for further analysis.

Other fact sheets available from NCSA:

- Alcohol-Impaired Driving
- Bicyclists and Other Cyclists
- Children
- Large Trucks
- Motorcycles
- Occupant Protection in Passenger Vehicles
- Older Population
- Passenger Vehicles
- Pedestrians
- Race and Ethnicity
- Rural/Urban Traffic Fatalities
- School-Transportation-Related Traffic Crashes
- Speeding
- State Traffic Data
- Summary of Motor Vehicle Traffic Crashes
- Young Drivers

Detailed data on motor vehicle traffic crashes are published annually in *Traffic Safety Facts: A Compilation of Motor Vehicle Traffic Crash Data*. The fact sheets and Traffic Safety Facts annual report can be found at https://crashstats.nhtsa.dot.gov/.

U.S. Department of Transportation
National Highway Traffic Safety Administration